रजिस्ट्री सं. डी एल—33001/98 REGISTERED NO. DL—33001/98

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 38] नई दिल्ली, शनिवार, सितम्बर 19, 1998 (भाद्रपद 28, 1920)
No. 38] NEW DELHI, SATURDAY, SEPTEMBER 19, 1998 (BHADRA 28, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 19th September 1998

ADDRESS AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having territorial jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West), Mumbai-400 013.

The States of Gujarat, Maharashtra, Madhya Pradesh and Goa and the Union Territories of Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"
Ph. No. 492 5092 Fax No. 0224930622

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi and the Union Territory of Chandigarh.

Telegraphic address "PATENTOFIC"
Ph. No. 578 2532 Fax No. 011-5766204

Patent Office Branch,
Wing 'C'-(C-4, A),
IIIrd Floor, Rajaji Bhavan, Besant Nagar, Chennai-600 090.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Ph. No. 490 1495 Fax No. 044-4901492.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building, 5th, 6th and 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
Ph. No. 247 4401 Fax 033-2473851.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees.—The fees may either be paid in cash or may be sent by bank draft or cheque payable to the Controller of Patents drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 19 सितम्बर 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटोफिस"
फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एनेक्स सं. 401 से 405, तीसरा तल,
[illegible],
[illegible] मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
[illegible]
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 5782532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता-"पेटेंटोफिस"
फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : 2474401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालयों में ही प्राप्त किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

CORRIGENDUM

In pursuance of the Controller's power vested u/s. 78 of the Patent Act, 1970, in respect of the appln. for Patent No. 661/Del/92 (178865) which was sealed with reduced term of 7 (seven) years with "Drug" category dated 6-3-98 notified on 04-04-98, a correction has been made in the instant appln. with full term of 14 (fourteen) years.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-4 'A') IIIRD FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090.

8th December, 1997

2791/Mas/97. V. Geethaguru. Geodesic-braced cone-shell.

2792/Mas/97. The Dow Chemical Company. Method of controlling infiltration of complex-shaped ceramic metal composite articles and the products produced thereby. (December 9, 1996; U.S.A.).

2793/Mas/97. Benjamin V. Knelson Centrifugal separator with injection of fluidizing liquid between non-fluidized recesses. (December 9, 1996; U.S.A.).

2794/Mas/97. Hepworth Building Products Limited. Pipe-fitting. (December 13, 1996; United Kingdom).

2795/Mas/97. Carl Schmale GMBH & Co. Holddown bar for textile centering and cutting machine. (December 14, 1996; Germany).

2796/Mas/97. BASF Aktiengesellschaft. Novel heterocyclically substituted benzamides and their use. (December 9, 1996; Germany).

2797/Mas/97. Norton Chemical Process Products Corporation. Fixed valve. (December 20, 1996; United States of America).

2798/Mas/97. Hutchinson. A device for fixing at least one fluid pipe to a support. (December 12, 1996; France).

9th December, 1997

2799/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-6 of troglitazone having enhanced anti-diabetic activity.

2800/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-5 of troglitazone having enhanced anti-diabetic activity.

2801/Mas/97. Dr. Reddy's Research Foundation. Novel polymorphic Form-6 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2802/Mas/97. Dr. Reddy's Research Foundation. Novel polymorphic Form-5 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2803/Mas/97. Dr. Reddy's Research Foundation. Novel polymorphic Form-1 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2804/Mas/97. Dr. Reddy's Research Foundation. Novel polymorphic Form-4 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2805/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-4 of troglitazone having enhanced anti-diabetic activity.

2806/Mas/97. Dr. Reddy's Research Foundation. Novel polymorphic Form-3 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2807/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-4 of troglitazone having enhanced anti-diabetic activity.

2808/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-3 of troglitazone having enhanced anti-diabetic activity.

2809/Mas/97. Dr. Reddy' Research Foundation. Novel polymorphic Form-2 of troglitazone and a pharmaceutical composition having enhanced anti-diabetic activity.

2810/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-2 of troglitazone having enhanced anti-diabetic activity.

2811/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-5 of troglitazone having enhanced anti-diabetic activity.

2812/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-4 of troglitazone having enhanced anti-diabetic activity.

2813/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of Novel polymorphic Form-4 of troglitazone having enhanced anti-diabetic activity.

2814/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of novel polymorphic Form-4 of troglitazone having enhanced anti-diabetic activity.

2815/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of novel polymorphic Form-5 of troglitazone having enhanced anti-diabetic activity.

2816/Mas/97. Dr. Reddy's Research Foundation. Process for the preparation of novel polymorphic Form-5 of troglitazone having enhanced anti-diabetic activity.

2817/Mas/97. Qualcomm Incorporated. Digital network interface for analog fax equipment. (December 13, 1996; United States of America).

2818/Mas/97. Harold E. Haney. Improved water treatment system. (December 9, 1996; U.S.A.).

2819/Mas/97. Polyol International BV. Process for manufacturing multilayered foam articles. (December 10, 1996; United Kingdom).

2820/Mas/97. The Boots Company PLC. Theropeutic agents. (December 10, 1996; Great Britain).

2821/Mas/97. Shell Internationale Research Maatschappij BV. Die attach adhesive compositions. (December 16, 1996; U.S.A.).

2822/Mas/97. Shell Internationale Research Maatschappij B.V., Thermally reworkable binders for flip-chip devices. (December 16, 1996; U.S.A.).

2823/Mas/97. British Telecommunications Public Limited Company. Video coding. (December 10, 1996; Great Britain).

2824/Mas/97. Novo Nordisk A/S. Reduction of phosphorus containing components in edible oils. (December 9, 1996; Denmark).

2825/Mas/97. DSM Copolymer Inc. Process for producing improved silica reinforced masterbatch of polymers in latex form. (December 18, 1996; United States of America).

2826/Mas/97. DSM Copolymer Inc. Compatibilized silica and polymer silica reinforced masterbatch containing same. (October 17, 1997; U.S.A.).

2827/Mas/97. Schlumberger Industries S.A. A measuring device for an electricity meter. (December 13, 1996; France).

2828/Mas/97. Bell Northern Research Inc. Enhanced services for ATM switching using external control. (December 13, 1996; U.S.A.).

2829/Mas/97. Societe Des Produits Nestle S.A. Confectionery coating. (December 20, 1996; U.S.A.).

2830/Mas/97. Globalstar L.P. Interactive fixed and mobile satellite network. (December 19, 1996; U.S.A.).

10th December, 1997

2831/Mas/97. NEC Corporation. Message communication system. (December 10, 1996; Japan).

2832/Mas/97. The Dow Chemical Company. Low density CO_2 blown polyurethane foams and a process of preparing same. (December 10, 1996; U.S.A.).

2833/Mas/97. Asahi Denka Kogyo K.K. Method for producing chlorinated rubber and apparatus therefor. (December 11, 1996; Japan).

2834/Mas/97. NEC Corporation. Radio selective calling receiver having an auto dialer function. (December 12, 1996; Japan).

2835/Mas/97. Imperial Tobacco Limited. Method and apparatus for processing tobacco.

2836/Mas/97. Imperial Tobacco Limited. Apparatus and process for threshing tobacco.

2837/Mas/97. Asea Brown Boveri AG. Gas-cooled electrical machine. (December 19, 1996; Germany).

2838/Mas/97. Asea Brown Boveri AG. Rotor of a turbogenerator having direct gas cooling. (December 21, 1996; Germany).

2839/Mas/97. British Telecommunications Public Limited Company. Communications System. (December 13, 1996; Great Britain).

2840/Mas/97. BASF Aktiengesellschaft. Monoolefinic C_5 mononitriles, preparation thereof and use thereof. (December 16, 1996; Germany).

2841/Mas/97. Advanced Technologies International Ltd. Motor/generator. (December 11, 1996; U.S.A.).

2842/Mas/97. Sharp Kabushiki Kaisha. Device and method for controlling inverter performing feedback control to suppress periodic component and unsteady component of error. (December 13, 1996; Japan).

2843/Mas/97. Velagapudi Maruthi Rao. A device for producing sonic frequencies of predetermined values for directing sonic waves, so produced on to a plant, for its beneficial growth.

11th December, 1997

2844/Ma/97. The Dow. Chemical Company. Interpolymer compositions and cast stretch film therefrom. (December 12, 1996; U.S.A.).

2845/Mas/97. Wacker-Chemie GMBH. Process for stabllizing the gas flow in water-bearing natural gas fields and natural gas reserviors. (December 19, 1996; Germany).

2846/Mas/97. Wacker Chemie GMBH. Process for drying out rock containing immobile formation water in the intake radius or natural gas wells and gas storage wells. (December 19, 1996; Germany).

2847/Mas/97. Rohm GMBH Chemische Fabrik. The invention relates to a hydrophilic adhesive and binder for medications. (December 20, 1996; Germany).

2848/Mas/97. Kabushiki Kaisha Kobe Seiko Sho. Enclosed kneading apparatus. (June 2, 1996; Japan).

2849/Mas/97. Qualcomm Incorporated. Phase shift-encoded subchannel. (December 12, 1996; U.S.A.).

2850/Mas/97. NEC Corporation. Radio selective calling receiver having multiarea function. (December 18, 1996; Japan).

2851/Mas/97. Castolin S.A. Flame spraying apparatus and thermal spraying process. (December 18, 1996; Germany).

2852/Mas/97. Asea Brown Boveri AG. Combustion chamber having integrated guide blades. (Decem-13, 1996; Germany).

2853/Mas/97. International Business Machine Corporation. Improved equipment packages for shock resistance. (January 13, 1997; U.S.A.).

2854/Mas/97. DSM N.V. Method for the preparation of melamine. (December 16, 1996. U.S.A.).

2855/Mas/97. Raychem Corporation. Surge Arrester. (December 16, 1996; United States of America).

2856/Mas/97. Sasol Technology (Proprietory) Limited. Production of organic carboxylic acid esters. (December 12, 1996; South Africa).

2857/Mas/97. Imphy S.A. Device for suspending the shodow mask of a cathode ray display tube comprising a bimetal and bimetal. (December 31, 1996; France).

2858/Mas/97. Samsung Electronics Co. Ltd. Tray for containing parts. (January 28, 1997; Korea).

2859/Mas/97. ROHM GmbH. Adhesive binders for dermal or tronsdermal theraphy systems. (December 20, 1996; Germany).

12th December, 1997

2860/Mas/97. Group Captain S.M. Ghouse. Free floating castors.

2861/Mas/97. Manoj Joseph. A device forcleaning conveyor belt systems.

2862/Mas/97. British Telecommunications Public Limited Company. Telecommunication network. (December 20, 1996; Great Britoin).

2863/Mas/97. Kimberly-Clark Worldwide Inc. Breathable laminate of nonwoven and elastomeric film including metallocene catalyzed polyethylene elastomer and method for making the same. (December 27, 1996; U.S.A.).

2864/Mas/97. Kimberly-Clark Worldwide Inc. Elastomeric film including metallocene catalyzed polyethylene elastomer and method for making the same. (December 27, 1996; U.S.A.).

2865/Mas/97. Kimberly-Clark Worldwide Inc. Vertically pleated diaper liner. (December 12, 1996; U.S.A.).

2866/Mas/97. BASF Aktiengesellschaft. Substituted pyrazol-3-ylbenzazoles. (December 16, 1996; Germany).

2867/Mas/97. BASF Aktiengesellschaft. Preparation of N-substituted 3-hydroxypyrazoles. (December 17, 1996; Germany).

2868/Mas/97. Sprint Metal Societe de Production Internationale de Trefiles and Imphy S.A. Stainless steel wire and process of manufacture. (December 31, 1996; France).

2869/Mas/97. Enichem S.p.A. Metallocenes, their preparation and use in the polymerization of alpha-olefins. (December 19, 1996; Italy).

2870/Mas/97. Maschinenfabrik Rieter AG. Spinning frame. (December 12, 1996; Germany).

2871/Mas/97. Richard Chao. Auxiliary lenses for eyeglasses. (December 12, 1996; Germany).

2872/Mas/97. Montell North America Inc. Regarding depolymerization of poly (methyl methacrylate) grafted onto a propylene polymer.

2873/Mas/97. Novo Nordisk A/S. Jet injector. (December 20, 1996; Denmark).

2874/Mas/97. BASF Aktiengesellschaft. Noval ketobenzamides and their use.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए ।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Cl. : 87 E 181761

Int. Cl. : A 63 B 71/06

"A SYSTEM OF EQUIPMENTS FOR FOOTBALL TYPE GAME".

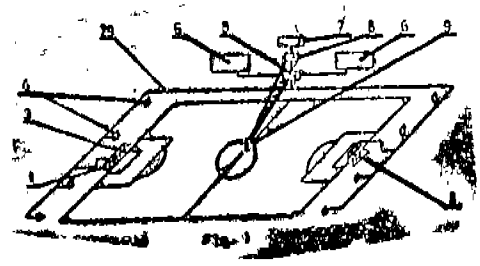
Applicant & Inventor : PROF. LOZAN GEORGIEV STOIMENOV, OF H. COMPL. "MLADOST" BL. 23, ENTR. 3 SOFIA-1784, BULGARIA.

Application No. : 148/Cal/1994 filed on 9th March, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

2 Claims

A system of equipments for foot ball tpye game which comprises a score registration board and for each of both teams a main shaped goal with attached net and which is characterized in that providing for each team one central additional goal (3), at least one pair addtional side-goals (4), at least one board (6) for making scored goals and their approvol by the referee and one chronometer for fixed interval of time (34) with attached numerical display (35), and also common for both teams a control unit (5), a remote control unit (8), referee's key board (9) and a chronometer for the played time (33), as in this system the central additional goal (3) is placed as a superstructure over the main goal (1), each pair of additional side-goals are placed outside the playing field, behind the goal-line and symmetrically with respect to the main goal, and each additional goal has at least two sections and the front surfaces of two sections of an additional goal, which have one common side, lay in different planes, formed by gratings (14) which are hung on attached at the rear frame (28) of the goal contactors (15) which are connected in parallel with a sectional relay (16), which connected by a cable (30) with the relays of the other sections of the goal and by a communicational channel (29) with the control unit (5), which is connected with the boards (6) for marking scored goals, as these boards are provided with indicating boxes (17) for each goal, indicators (18) for each section of the additional goals, an indicator (19) for approval of a scored goal in an additional goal, an indicator (20) for cancellation of such a goal, and an indicator (21) for approval of a goal scored in the main goal, as these indicators are connected through the control unit (5) and remote control unit (8) with the referee's key board, which has ON-OFF button (22), three buttons for each team, where one (23) is for approval of a scored goal in the main goal, one (24) is for cancellation of a goal scored in an additional goal, and one (25) is for approval of such a goal, a correction button (26), RECORD button (27), START button (31), and STOP button (32), as for each of these buttons there is a separate remote control channel to the remote control unit (8), which is connected also with the score registration board (7), the chronometer (33) for the played time, the chronometers (34) for fixed interval of time, and attached numerical displays (35).



(Compl. Specn. : 13 pages; Drgns. : 2 sheets)

Cl. : 63 A 3 181762

Int. Cl. : H 02 P 9/44.

VARIABLE SPEED CONSTANT FREQUENCY SYNCHRONOUS ELECTRIC POWER GENERATING SYSTEM.

Applicant : WILLIAM M. HALLIDY, OF 620 E. LAUREL AVENUE, GLENDORA, CALIFORNIA 91741, UINTED STATES OF AMERICA.

Inventor : WILIAM M HALLIDY.

Application No. : 275/Cal/1994 filed in 18th April 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

3 Claims

A variable speed constant frequency synchronous electirc power generating system (30), comprising a synchronous variable speed constant frequency (VSCF) generator 40 for producing constant frequency alternating current (AC) electrical power 42, a rotating reference member arrangement or primary unit 44 coupled to a synchronous motor 77-energized by the parallel source of elelctrical power 32 for establishing a desired reference rate of rotation of the rotating reference member or primary unit 44, a shaft member arrangement or rotating secondary unit 48 coupled to the generator power input shaft 31 for producing an essentially continuous indication of the essentially instantaneous position of the generator power input shaft 31 relaltive to the primary unit 44, and an electrical energy coupling or transformer unit indicated generally at 46 for variably coupling the electrical energy from brushless exciter armature windings 39 to main generator rotating polyphase electromagnetic field windings 35 to adjust the position of the electromagnetic field relative to a generator rotor structure 33 in response to a change in the relative position of the reference member arrangement or primary unit 44 with respect to the rotating secondary unit 48.

Coupled to the VSCF generator 40 are the primary and secondary units 44 and respectively which from a rotating variable—coupling transformer arrangement (RVCT) 89 for helping to synchronize the AC frequency of the generated power from the VSCF generator 40 with AC frequency of the parallel source of electrical power 32 energizing the synchronous motor 77 characterised in that, both the RVCT 3-phase secondaries 69A-69C and 1 phase primaries 67A-67C are free to rotate about the axis of the RVCT 89 having a rotatable housing 61 containing 1-phase primaries 67A-67C which are free to rotate co-axially about the 3 phase secondaries 69A-69C rotatably mounted on the generator power input shaft 31.

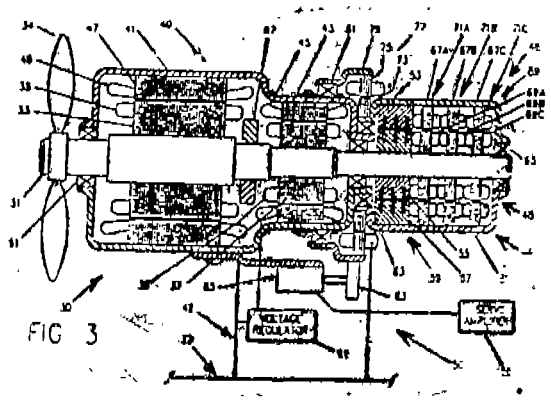


FIG 3

(Compl. specn. : 80 pages Drgns. : 3 sheets).

Cl. : 64 B 3 181763

Int. Cl. : H 01 R 9/00.

TERMINAL BLOCK.

Applicant : KRONE AKTIENGESELLSCHAFT, OF BEESKOWDAMM 3-11, D-14160 BERLIN-ZENLENDORF, GERMANY.

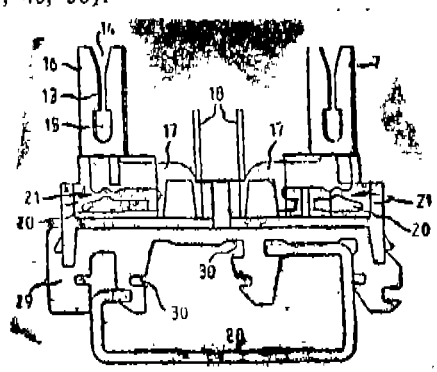
Inventors : 1. HANS-DIETER BIPPUS
2. RAFIK MUNSHI
3. JEFF GLEN.

Application No. : 681/Cal/1994 filed on 26th August, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

11 Claims

A terminal block comprising a plastic housing (2) and insulation displacement contact elements (7) provided therein for incoming and outgoing conductors, characterized in that the insulation pisplacement contact elements (7) are disposed separately from each other in the plastic housing (2) and that each insulation displacement contact element (7) is provided with a centre taping (18), and the spaced centre tappings (18) opposedly disposed in the plastic housing (2) can be connected with each other by different function plugs (31, 40, 50).



(Compl. specn. : 13 pages; Drgns. : 10 Sheets)

Cl. : 25 A, 136 E 181764

Int. Cl. : B 28 E 7/22, 7/02, 1/08.

AN APPARATUS FOR MANUFACTURING PRE-CAST CONCRETE PLATE.

Applicant & Inventor : KUN HEE SUH OF CHANGMI APT. A-1407, 40 YOIDO DONG, SEOUL REPUBLIC OF KOREA.

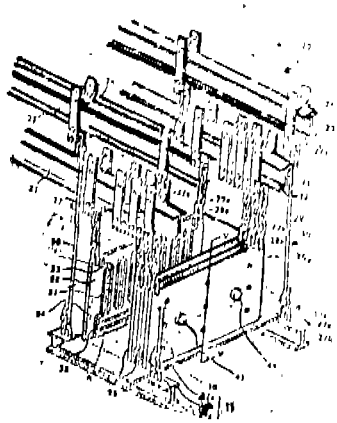
Application No. : 438/Cal/1994 filed on 13th June, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

8 Claims

An apparatus for manufacturing procast concrete plate, comprising :

a pair of rails (21) positioned substantially parollel with each other; a plurality of sliders (22) slidably mounted to the rails; a molding assembly (26) comprising a plurality of molding partitions (28) suspended separately from the sliders (22) so that the molding partitions can be brought in contact with each other, wherein each molding partition (28) is provided with a plurality of side molding members (31) which are fixed vertically and which face each other when the molding partitions are brought in contact with each other, wherein each molding partition further includes a bottom molding member extending transversely and located toward a lower end difined by each molding partition, and further includes a pair of spaced substantially L-shaped upper corner member (33), each upper corner member having one end in contact with an upper corner defined by one of the side molding members (31) and another end substantially coextensive with an upper edge defined by the molding partition (28), and a pair of spaced substantially L-shaped lower corner members (34), each lower corner member (34) having one end in contact with a lower corner defined by one of the side molding members (31) and another end in contact with an upper adge defined by the bottom molding member (32).



(Compl. specn. : 17 pages Drgns. : 7 sheets).

Cl. : 70 C 5, 40 D 181765

Int. Cl. : B 01 J 19/08
C 01 B 7/00.

ELECTROCEMICAL CONVERSION OF ANHYDROUS HYDROGEN HALIDE TO HALOGEN GAS USING A CATION-TRANSPORTING MEMBRANE.

Applicant : E. I. DU PONT DE MEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventors : 1. JAMES A. TRAINHAM III
2. CLARENCE GARLAN LAW IR
3. JOHN SCOTT NEWMAN
4. KENNETH BERNARD KEATING
5. DOUGLAS JOHN EAMES.

Application No. : 690/Cal/1994 filed on 30th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

A process for the direct production of essentially dry halogen gas from essentially anhydrous hydrogen halide by the application of an electrical potential from a voltage source to an electrochemical cell wherein;

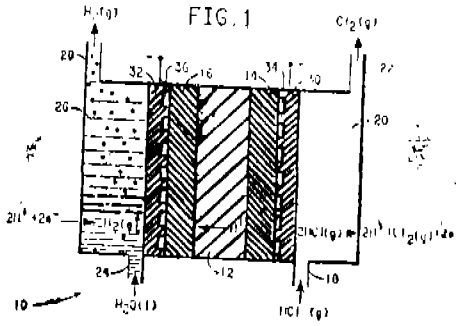
(a) molecules of essentially anhydrous hydrogen halide are fed to an inlet of an electrochemical cell and are transported to an anode of the cell;

(b) the molecules of the essentially anhydrous hydrogen halide are oxidized at the anode to produce essentially dry halogen gas and protons;

(c) the protons are transported through a cation-transporting membrane such as herein described of the electrochemical cell; and

(d) the transported protons are reduced at the cathode.

FIG. 1



(Compl. Specn. : 36 pages; Drgns. ' 2 Sheets)

Cl. : 128 G 181766

Int. Cl. : A 61 M 25/00.

LASER BEVELING PROCESS FOR CATHETERS.

Applicant : CRITIKON, INC., OF 4110 GEORGE ROAD, TAMPA, FLORIDA 33634, UNITED STATES OF AMERICA.

Inventors : 1. THOMAS EDISON SLOANE, JR.
2. ZINOVY ALTMAN
3. ANTHONY Y. VAN HEUGTEN.

Application No. 697/Cal/1994 filed on 31st August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

A process for beveling a tip of a catheter having a tubular sheath comprising :

(a) providing o source of coherent light with sufficient power to ablate the catheter material at the catheter tip forming the bevel and an indication zone on the cannula near the said catheter tip;

(b) positioning said catheter in a path of said coherent light at an angle as herein described to the tubular sheath; and

(c) rotating as herein described said catheter while impinging said coherent light on said catheter along a predetermined path to ablate catheter material at a predetermined tip location.

(Compl. specn. : 15 pages Drgns. : 8 sheets).

Cl. 167 C 181767

Int. Cl. : B 07 B 13/04
F 25 D 31/00.

AN APPPARATUS FOR CLASSIFYING AND COOLING PARTICULATE MATERIAL.

Applicant : THE BABCOCK & WILCOX COMPANY, OF 1450 POYDRAS STREET, P. O. BOX 60035, NEW ORLEANS, LA 70160, UNITED STATES OF AMERICA.

Inventors : DAVID LOWELL KRAFT
MICHAEL JOSEPH SZMANIA.

Application No. : 856/Cal/1994 filed on 19th October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 Claims

An apparatus (5) for classifying and cooling particulate material such as herein described produced by a process, said apparatus comprising :

a vertical housing (9) having an inlet for incoming particulate material (7) and a first outlet (42) at the top of the housing for discharging air and fines of said particulate material and a second outlet (8) at the bottom of the housing for discharging coiled solid;

a fluidized bed (20) of particulate material in the housing;

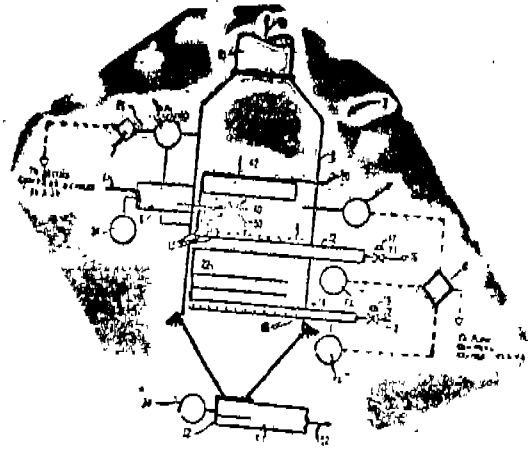
a non-fluidized bed (22) of particulate material in the housing located below the fluidized bed;

means (12—19) for supplying cooling gas to the fluidized bed and the non-fluidized bed;

temperature measuring means such as temperature sensors (T) for measuring temperature in the fluidized bed;

flow measuring means such as flow sensors (F1, F2) connected to said means (12—19) for supplying gas to the fluidized bed (20) and the non-fluidized bed (22) for measuring velocity of cooling gas supplied to the fluidized bed and to the non-fluidized bed; and

control means (C) connected to the temperature measuring means (T) and the flow measuring means (F1, F2), said control means being also connected to said means for supplying cooling gas to the fluidized bed (20) and said non-fluidized bed (22) for supplying said cooling gas at rates dependent on the temperature in the fluidized bed.



(Compl. specn. ; 14 pages Drgns. : Nil).

Cl. : 128 E + G 181768

Int. Cl[4] : A 61 B 5/02, 5/05.

APPARATUS FOR MEASURING FLUID FLOW.

Applicant :: MODERN TECHNOLOGIES CORP., OF 4032 LINDEN AVENUE, DAYTON, OHIO 45432, UNITED STATES OF AMERICA.

Inventors : JOHN H SCHNURER
ROBERT FREUND.

Application No. : 993/Cal/1994 filed on 28th November, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A flow meter for measuring flow in a vessel comprising :

a probe having a plurality of conductors;

a sensing circuit coupled to said plurality of conductors for generating a signal corresponding to the movement of ions on at least one of said plurality of conductors as fluid flows past said probe; and

a display coupled to said circuit for receiving said signal and generating a display corresponding thereto.

(Compl. specn. : 17 pages Drgns. : 5 sheets).

Cl. : 206 E 181769

Int. Cl. : H 04 B 7/005

MOBILE RADIO SET.

Applicant : PHILIPS ELECTRONICS N. V., OF GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventors :
(1) DIETMAR LORENZ
(2) KARL HELLWIG.

Application No. 1024/Cal/1994 filed on 9th December, 1994.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

Mobile radio set comprising a transmitter for transmitting speech signals, said transmitter comprising a speech coder comprising

a memory (12) for storing excitation signals,

a filter arrangement (16) for filtering the excitation signals,

selection means (14, 18, 20) for comparing a residual signal derived from the speech signal with the output of the filter arrangement (16) and for selecting the optimum excitation signal,

said transmitter further comprising a detector (26) for detecting speech pauses and for turning off at least parts of the speech coder when a speech pause is detected, characterised in that the detector (26), in the case of a speech pause, switches off the selection means (14, 18, 20) and the memory (12) and controls a change-over switch (28) for connecting an input of the filter arrangement (16) to said residual signal derived from the speech signal.

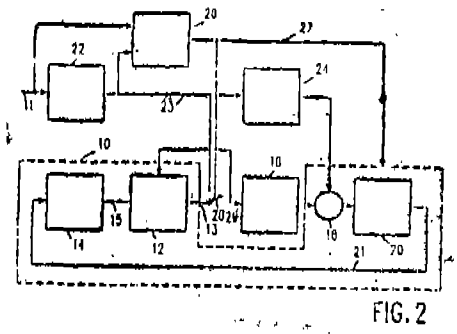


FIG. 2

(Compl. Specn. 7 Pages Drgns. 1 Sheet)

Cl. : 194 C 1 181770
121

Int. Cl. : C 09 K 11/84
H 01 J 29/32

HIGH RESOLUTION CATHODE RAY TUBE.

Applicant : KASEI OPTONIX LTD., OF 12-7 SHIBADIMON 2-CHOME, MINATO-KU, TOKYO 105 JAPAN.

Inventors :
(1) RYUJI ADACHI
(2) HIDEO TONO.

Application No. 819/Cal/1996 filed on 6th May, 1996.

(Divided out of No. 630/Cal/1992 antidated to 02-09-1992).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

A high resolution cathode ray tube having a fluorescent screen which is coated with a rare earth oxysulfide phosphor of the formula $(Ln_{1-x-y}La_xLn'_y)_2O_2S$ wherein Ln is at least one element selected from the group consisting of Y, GD, Sc and Lu, Ln' is at least one element selected from the group consisting Eu, Tb, Sm, Er, Tm, Dy, Ho, Nd and Pr, and x and y are numbers within ranges of $0.005<x\leq0.07$ and $0.0001\leq y\leq0.2$, respectively, the rare earth oxysulfide phosphor being characterised by having an average particle size of at most 3 μm; and optionally, said fluorescent screen being coated with a blue-emiting component, such as herein described, and a green-emitting component, such as herein described.

(Compl. Specn. 26 Pages Drgns. 1 Sheet)

Cl. : 206 I 181771

Int. Cl. : H 04 B 7/14

SATELLITE COMMUNICATION SYSTEM USING EQUATORIAL AND POLAR ORBIT RELAYS.

Applicant : LEO ONE IP. L.L.C., OF 150 NORTH MERAMEC, SUIT 620 ST. LOUIS, MISSOURI 63105 UNITED STATES OF AMERICA.

Inventors :
(1) JAMES ROGER STUART
(2) MARK ALAN STURZA
(3) JOSE MANUEL VILLALVAZO.

Application No. 277/Cal/1994 filed on 19th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

A satellite communications system using equatorial and polar orbit relays, said system comprising :

a plurality of equatorial, polar and middle latitude relay stations (34, 61, 65), said relay stations (34, 61, 65) being located circumferentially along Earth's equator (16) near Earth's poles (NP, SP) and in regions of Earth's middle-latitudes respectively;

a first satellite (12) operating in an equatorial low Earth orbit (14);

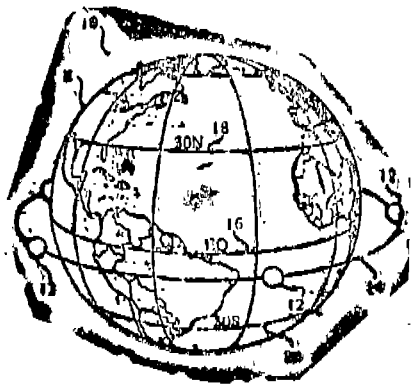
a second satellite (12) operating in an inclined low Earth orbit (60, 63, 210);

said first satellite (12) is capable of communicating with said plurality of equatorial relay stations (34) over uplinks (35a) and downlinks (35b);

said second satellite (12) is capable of communicating with atleast one of said plurality of polar relay station; (61) with atleast one of said plurality of middle-latitude relay station (34) and with atleast one of said plurality of equatorial relay station (34)

said first satellite (12) is capable of storing a message from a first equatorial relay station (34) and forwarding said message to a second equatorial relay station (34); and

said second satellite (12) capable of receiving said message from said second equatorial relay station (34) and forwarding said message to one of said plurality of polar and middle-latitude relay stations (61, 65).



(Compl. Specn. : 60 Pages Drgns. : 39 Sheets)

Cl. : 94 E 181772

Int. Cl. : B 02 C 13/14, 23/12.

AN APPARATUS FOR PRODUCING FINE MATERIALS OF ADJUSTABLE FINENESS BY CRUSHING BUILDING INDUSTRY MATERIALS, OTHER MINERALS, CHEMICALS AND FUELS.

Applicant : LOESCHE GMBH, OF HANSAALLEE 243; D-40549 DUSSELDORF, GERMANY.

Inventors : DIPL.-ING. HORST BRUNDIEK
DIPL.-ING. WILLY LOHLE.

Application No. : 426/Cal/1994 filed on 8th June, 1994.

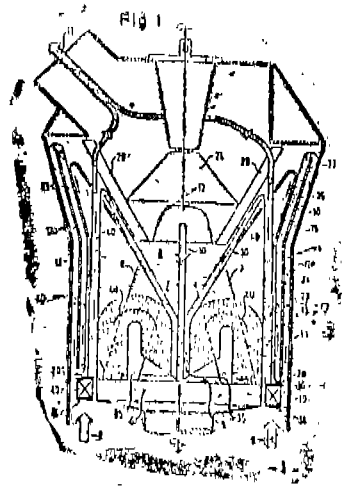
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta

10 Claims

An apparatus for producing fine materials of adjustable fineness by crushing building industry materials, other minerals, chemicals and fuels, especially an air-swept mill (4) having between a rotary grinding pan (6) and a casing wall (15) an annular space (14) with a blade ring (16) for a fluid delivery flow (9),

Characterized that,

the annular space (14) and the blade ring (16) form a gas directing device (19) for guiding the gas for a rotary delivery flow (9) forming close to the casing wall (15) a virtually fines—free outer flow of oversized particles and that above the grinding pan (6) in the casing wall (15) on a level with classifier (29) there is at least one removal device (25) for an oversize fraction from the outer flow of oversize particles.



(Compl. Specn. : 15 Pages Drgns. : 5 sheets).

Cl. : 35 G 181773

Int. Cl. : C 04 B 24/26, 28/00

A PROCESS FOR PREPARING CERAMIC-LIKE MATERIAL.

Applicant : 1. MARCELI CYRKIEWICZ; 2. ERWIN HERLING; 3. JACEK KLESZCZEWSKI OF (1) NARUTOWICZA STREET 139, 90—145 LODZ, POLAND; AND (2) 817 FIFTH AVENUE, NEW YORK, N.Y. 10021 UNITED STATES OF AMERICA AND (3) FALISTA STREET 157, 94—115 LODZ, POLAND RESPECTIVELY.

Inventors : MARCELI CYRKIEWICZ
ERWIN HERLING
JACEK KLESZEZEWSKI.

Application No. : 446/Cal/1994 filed on 13th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A process for preparing ceramic like material selected from the group consisting of material with magnetic properties, material effective to absorb an X-radiation and hard radiation and material with completely closed pores by binding an inorganic filler with a synthetic resin in a non-aqueous system and addition an expanding agent in case of material with completely closed pores characterised in that the process is carried out in two stages, wherein at the first stage, waste phosphogypsum is treated at a temperature not lower than 172°C at second stage physically homogenized dry composition is prepared from the waste phosphogypsum and respectively, according to the desired property, from addition in the form of magnetic oxides, forming oxides, and then the resultant dry composition is blended with polyester resin and with an accelerant before cited and optionally with an organic diluent to adjust to the composition, viscosity at required level, and in the third stage the whole composition is cured by adding a curing agent and in case of material with completely closed pores, a curing agent simultaneously with an expanding agent in water solution being added.

(Compl. specn. : 9 pages Drgns. : Nil).

Cl. : 129 G 181774

Int. Cl. : C 23 C 24/02,
B 22 F 7/00,
C 04 B 35/64.

CONTACT MATERIAL BASED ON SILVER.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventor : DR. FRANZ HAUNER.

Application No. : 665/Cal/1994 filed on 19th August, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

Contact material based on silver, there being present, in addition to silver, iron oxide as the main effective component and at least one further effective component, characterized in that the further effective component is an oxide of an element of the third sub-group of the periodic Table of the Elements.

(Compl. Specn. : 11 pages Drgns. : Nil.)

Cl. : 128 G 181775

Int. Cl. . A 61 F 2/02
A 61 L 27/00.

METHOD FOR TREATMENT OF BIOMATERIAL.

Applicant : THE BOARD OF REGENTS ACTING FOR AND ON BEHALF OF THE UNIVERSITY OF MICHIGAN., OF C/O TECHNOLOGY MANAGEMENT OFFICE, WOLVERINE TOWERS, ROOM 2071, 3003 SOUTH STATE STREET, ANN ARBOR, MI. 48109-1280, U.S.A.

Inventors :
1. ROBERT JULES LEVY.
2. DANIELLE HIRSCH.

Application No. 872/Cal/1994 filed on 21st October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

36 Claims

A method of treating a biomaterial, such as herein described, the method comprising the steps of :

1. forming a liquid treatment solution consisting essentially of greater than 50% by volume of a water soluble C1-C3 aliphatic alcohol in an aqueous buffer of a pH between 6.0 and 8.0;
2. exposing a biomaterial which is a collagenous material derived from a mammalian species selected from the group consisting of bovine peridardium, porcine aortic heart valves, saphenous bypass, aortic homografts, and dura mater to the liquid treatment solution for a period of time sufficient to render the biomaterial resistant to calcification; and;
3. rinsing the exposed biomatereial with a rinsing solution.

(Compl. Specn. 30 pages; Drgns. 6 sheets.)

Cl. : 39 K 181776

Int. Cl. : B 01 J 19/12
C 01 B 5/00.

APPARATUS FOR MANUFACTURE OF HEXAGONAL MOLECULAR STRUCTURE WATER.

Applicant : GOLDSTAR CO. LTD., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, KOREA.

Inventors :
1. JIN HAK SHIM
2. JUN IL SONG.

Application No. 1088/Cal/1994 filed on 28th December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

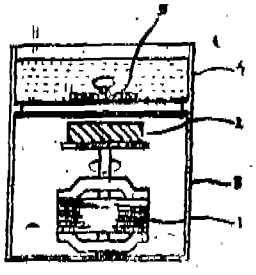
6 Claims

A hexagonal molecular structure water manufacturing apparatus, comprising a first magnet (5) placed inside water in a water container (4), wherein the water inside said water container is converted to hexagonal molecular structure water by rotation of said first magnet (5);

a load detector (13) such as herein described for detecting the load of water in said water container (4); a micro computer (14) connected to said load detector for comparing the load value of water in said water container (4) received from said load detector (13) with a predetermined reference value and outputting a control signal corresponding to the compared value;

a motor driving circuit (15) connected to said microcomputer and a motor for driving said motor (1) for a pre-determined period according to the control signal transmitted by said microcomputer (14);

a second magnet (2) connected to a shaft of said motor (1) for rotating said first magnet (5) under influence of its magnetic force as and when said motor (1) is driven on receipt of control signal from the microcomputer (14).



(Compl. Specn. 14 pages; Drgns. 7 sheets.)

Cl. : 32 E 181777

Int. Cl. : C 08 L 79/02.

PROCESS FOR MAKING TRANSPARENT CONDUCTING FILMS FROM LENDING CONDUCTING POLYANILINE AND CONVENTIONAL POLYMERS.

Applicant : INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE, OF 2 & 3 RAJA S. C. MULLICK ROAD, JADAVPUR, CALCUTTA-700 032, WEST BENGAL, INDIA.

Inventors :
1. BROJA MOHAN MANDAL
2. PALLAB BANERJEE.

Application No. : 197/Cal/1995 filed on 28th February, 1995.

(Complete specification left after provisional on 28-02-1996).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

Process for preparation of transparent conducting polyaniline blend films with specific conductivity in the range of $1x10^{-5}$ to $1x10^{-1}$ S cm^{-1}, comprising of conducting polyaniline hydrochloride (PANI.HCl) to the extent of 0.03 to 3 wt% as the disperse phase and nonconducting conventional polymers such as herein described as the matrix phase, being

obtained by blending colloidal dispersions of poly (vinyl alkyl ether) stabilized submicrometer size particles of conducting PANI.HCl with solutions of conventional polymers followed by sonicating the admixture with ultrasound and casting films.

(Compl. Specn. 6 pages; Drgns. Nil.)

Cl. : 77 A 181778

Int. Cl. : A 23 D 5/00.

A PROCESS OF PREPARING AN EDIBLE PLASTIC SPREAD.

Applicant : HINDUSTAN LEVER LTD., OF 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA.

Inventors :

1. CORNELIS LAURENTIUS SASSEN
2. JEROEN P J DE JONG
3. JOHANNA ANTONIA VAN MEETEREN.

Application No. 1057/Cal/96 filed on 7th June 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

8 Claims

A process of preparing an edible plastic spread which comprises combining fat phase and optionally an aqueous phase wherein the fat of the fat phase :

— comprises at most 5% perferably 0-3% trans unsaturated fatty acid residue,
consists of 40—90% preferably 50—85% of liquid oil and 60—10%, preferably 50—15% of structuring fat which structuring fat,

— comprises chemically unmodified palm oil or one or more palm oil fractions or a combination of 2 or more thereof. and

— includes hydrogenated and/or interesterified fat and/or animal fat such that the amount of interesteried fat is at most 70% of the structuring fat,

contains :

— at most X% symmetridal POP triglycerides or

— more than X% symmetrical POP triglycerides and contains asymmetrical PPO triglycerides such that P20 $\leqslant$16—4 (POP/PPO),

wherein P indicates palmitic acid residues, O indicates oleic acid residues, P20 indicates the sum of POP and PPO triglycerides and X=3.5, and has an N20$\geqslant$4.5, preferably N20$\geqslant$5.0, wherein composition of said spread is subjected to cooling and working to cause crystallization of fat, such that the temperature of the composition immediately after the cooling and working treatment is at most 10°C.

(Compl. Specn. 24 pages; Drgns. 4 sheets.)

Cl. : 55 D 181779

Int. Cl. : A 01 N 47/46.

AN IMPROVED PROCESS FOR PRODUCING 2-HALOGENOALLYL ISOTHIOCYANATE DERIVATIVES.

Applicant : TAKEDA CHEMICAL INDUSTRIES, LTD., OF 1-1, DOSHOMACHI 4-CHOME, CHUO-KU, OSAKA 541 JAPAN

Inventors :

1. HIDEKI UNEME
2. YASUO KAMIYA.

Application No. 1567/Cal/1996 filed on 2nd September, 1996.

(Convention No. 07-233769 on 12-9-95 in Japan).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

6 Claims

An improved process for producing 2-halogenoallyl isothiocyanate derivative of the formula :

(I)

wherein X^1 is a halogen atom, which comprises reacting a compound of the formula :

(III)

wherein X^1 is as defined above and X^2 is a leaving group with a thiocyanate of the formula :

$$M(SCN)_n \qquad (IV)$$

wherein M is a metal or an ammonium group and n is a valence number of M in which the compound (III) is employed in a proportion of about 0.5-5 esuivalents relative to the compound (IV) in the presence of water in a proportion of about 0.1—20 times by weight relative to the compound (III) under heating at a temperature in a range from about 90 to about 150°C for about 30 minutes to 50 hours.

(Compl. Specn. 17 pages; Drgns. Nil.)

Cl. : 128 G 181780

Int. Cl. : A 61 B 10/00.

A DEVICE WHICH PERMITS A SPECIMEN TO BE OPTICALLY ANALYSED.

Applicant : MED-AIEUROPE AB, OF FREDSGATAN 1, S222 20 LUND, SWEDEN.

Inventors :

1. CHRISTER FAHRAEUS
2. PATRIK SODERLUND
3. LENNART SJOSTEDT
4. RAGNAR SEGERSTEN.

Application No. 639/Cal/1997 filed on 15th April, 1997.

(Convention No. 9601404-8 on 15-4-96 in Sweden).

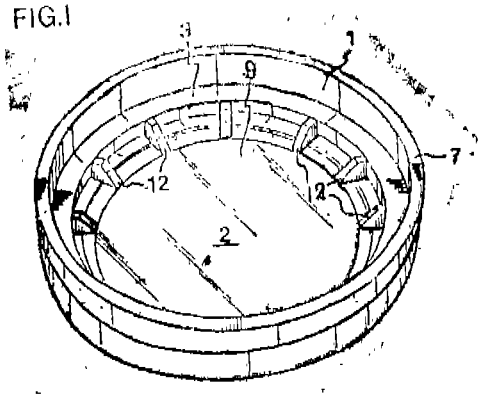
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

12 Claims

A device which permits a specimen such as herein described to be optically analysed comprising a translucent, plate-shaped portion having a specimen-receiving surface and framewhich engages the plate-shaped portion, wherein the device is in the form of a dish, the plate-shaped portion essentially constituting the bottom of the dish; and wherein a string of absorbing material, which is adapted to absorb

liquid from the specimen-receiving surface, is arranged in a loop along the circumference of the plate-shaped portion.

FIG.1



(Compl. Specn. 13 pages; Drng. 1 sheet)

Ind. Cl. : 39 E III 181781

Int. Cl. : C 01 G-30/00.

PROCESS OF ELUTION OF ANTIMONY FROM SOLID PHASES HAVING AN AFFINITY FOR ANTIMONY IONS BY USING A MIXTURE OF CONCENTRATED SULFURIC ACID AND DILUTE HYDROCHLORIC ACID.

Applicants : IBC ADVANCED TECHNOLOGIES INCORPORATED A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF UTAH, IN U.S.A. AT 505 EAST 1860, SOUTH PROVO, UTAH 84606, UNITED STATES OF AMERICA.

Inventor : RONALD LYNN BRUENING.

Application No. 208/Bom/94 filed on 13-5-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

15 Claims

A process of elution of antimony from solid phases having an affinity for antimony ions by using a mixture of concentrated sulfuric acid and dilute hydrochloric acid in the range of 5 to 50 ml per gram of the solid phase, which comprises :

(a) contacting said solid phase having said antimony ions affixed thereto with an aqueous eluent solution comprising a mixture of 6 to 10 M solution of sulfuric acid and a 0.05 to 0.5 M solution of hydrochloric acid at temperatures of from ambient to 110°C, thereby quantitatively stripping antimony ions from the solid phase and

(b) removing said eluent containing said antimony ions from contact with said solid phase.

(Compl. Specn. 14 pages; Drngs. Nil)

Ind. Cl. : 172 D, Gr.[XX] 181782

Int. Cl. : D 01 H-1/02.

PROCESS AND APPARATUS FOR MULTISTRAND SPINNING OF TEXTILE AND LIKE FIBRES.

Applicants : AHMEDABAD TEXTILE IDUSTRY'S RESEARCH ASSOCIATION, A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, XXI OF 1860 OF P. O. POLYTECHNIC, AHMEDABAD-380 015, GUJARAT, INDIA.

Inventors ::

1. ARVIND KUMAR AGRAWAL.
2. ARUN KUMAR SENGUPTA.

Patent Application No. 260/Bom/94 with provisional specification filed on 7-6-94.

Complete after provisional specification filed on 7-9-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

5 Claims

Process for multi-strand spinning of textile and like fibres comprising :

passing a fleece of roving between two or more pairs of rollers of a drafting machine to form a draft yarn; introducing under predetermined tension, a first formed yarn to said drafted yarn before entry between the last pair of said rollers so that the first formed yarn forms a core with said drafted yarn around said core; introducing under predetermined tension, at spaced apart positions between the nip of said last pair of rollers and a lappet eye located downstream of said last pair of rollers at least two second formed yarns onto said drafted yarn with said core at adjustable angles of feeding between 45° to 90°; and twisting the said yarns in a ring traveller whereby said second formed yarns constitute cover yarn over said drafted yarn with core.

(Prov. Specn. 4 pages; Drngs. 2 sheets.)

(Compl. Specn. 8 pages; Drngs. 2 sheets.)

Ind. Cl. : 172 F Gr. [XX] 181783

Int. Cl. : D 02 J—1/02

PROCESS AND DEVICE FOR MANUFACTURING CRIMPED JUTE OR THE LIKE, TEXTILE FIBRES.

Applicants : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION. A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, XXI OF 1860 OF P.O. POLYTECHNIC, AHMEDABAD-380015, GUJARAT, INDIA.

Inventors :

1. ARVIND KUMAR AGRAWAL
2. ARUN KUMAR SENGUPTA

Patent Application No. 262/Bom/94 with provisional specification filed on 07-06-94.

Complete after provisional specification filed on 07-09-95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

6 Claims

A process for manufacturing crimped jute or the like textile fibres, comprising placing fibres horizontally in a chamber having downwardly tapered walls, subjecting the fibres, so placed, to compression such as to achieve reasonable degree of parallelization and flatness, vertically placing the strand(s)/sheet(s) of fibres, so compressed, in the said chamber and subjecting the same to compression again such as to yield crimps of predetermined pitch and amplitude in the strand(s)/sheet(s) of fibres, followed by heat treatment of the crimped fibres by steam at 120°—160°C, at a pressure of 30 psi to 60 psi, and for a period of 30 to 120 minutes, for permanent heat setting of the crimps.

(Provisional Specification : 5 Pages; Drawings : 1 Sheet)

(Complete Specification : 7 Pages; Drawings : 1 Sheet)

Ind. Cl. : 179 G, F, E 181784

Int. Cl. : B 65 D 35/22, 35/28

DUAL CHAMBER DISPENSER.

Applicant : HINDUSTAN LEVER LTD., 165/166, BACKBAY, RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor : MARK JOHN IAIA JOSEPH EDWARD MEENAN.

Application No. : 310/Bom/94 filed on July 01, 1994.

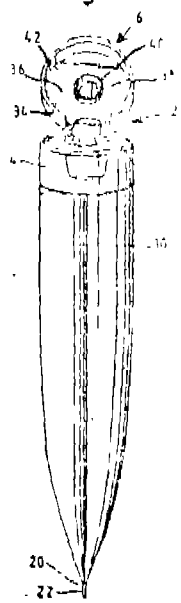
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

08 Claims

1. A dual-chamber dispenser comprising :

a cap having a dispensing base as herein described and a cover, the cover being hingedly attached to the base; and a pair of elongated hollow tubes attached to an underside of the dispensing base, each of the tubes at an upper end thereof having an exit orifice and a coupling means as herein described for attachment to the underside of the dispensing base, the upper end being D-shaped in cross-section and each of the hollow tubes at a lower end thereof being of either round or oval cross section and being crimped together with one another to seal the lower ends.

Fig 1



(Compl. Specn. : 11 pages; Drgs. : 3 sheets)

Ind. Cl. : 62 A_2 Gr. [XXII (1))] 181785

Int. Cl. : C 07 D—211/46

A PROCESS FOR PREPARING AN AMIDO PEROXYACID COMPOUND.

Applicant : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

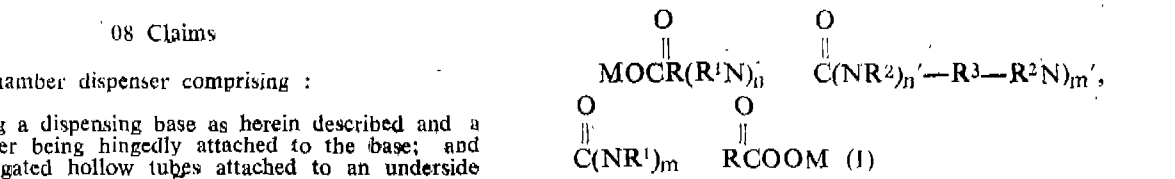
Inventor: JANET LYNN COOPE.

Patent Application No.: 340/Bom/94 Filed on 26-07-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

13 Claims

A process for preparing an amido peroxyacid compound having the formula:



wherein

R is selected from the group consisting of C_1-C_{12} alkylene, C_5-C_{12} cycloalkylene, C_6-C_{12} arylene and radical combinations thereof;

R^1 and R^2 are independently selected from the group consisting of H, C_1-C_{16} alkyl and C_6-C_{12} aryl radicals and a radical that can form a C_3-C_{12} ring together with R^3 and both nitrogens;

R^3 is selected from the group consisting of C_1-C_{12} alkylene C_5-C_{12} cycloalkylene and C_6-C_{12} arylene radicals;

n and n' each are an integer chosen such that the sum thereof is 1;

m and m' each are an integer chosen such that the sum thereof is 1; and

M is selected from the group consisting of H, alkali metal alkaline earth metal, ammonium, alkanolammonium cations and radicals and combinations thereof which process comprises the steps of condensation of a suitable difunctional amine with a suitable diacid derivatives to form diacids linked by diamide moieties and conversion of the diacids obtained to the monoperoxyacids through treatment with hydrogen peroxide.

(Comp. Specn.: 28 pages, Drg. Nil)

Ind. Cl. : 62 A_2 Gr. [XXII(1)) 181786

Int. Cl. : C 07 D—211/46

A BLEACHING COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors : 1. Richaid Gerald Gary
2. John Richaid Nicholson
3. JOHN OAKES
4. JEAN PEKAAR WILEY

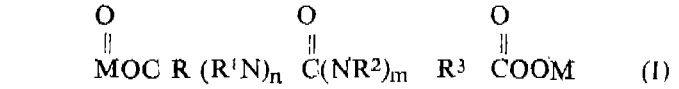
Patent Application No. 341 Bom 94 Filed on 26-07-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

3 Claims

1. A bleaching composition comprising:

(i) in an amount from 0.1 to 40% of an amido organic peroxyacid having a percarboxylic and a carboxylic acid or salt-functional unit has the structure



wherein

R is selected from the group consisting of C_1-C_{16} alkylene, C_5-C_{12} cycloalkylene, C_6-C_{12} arylene radicals;

R^1 and R^2 are selected from the group consisting of hydrogen C_1-C_{16} alkyl, C_5-C_{12} cycloalkyl and C_6-C_{12} aryl radicals;

R^3 is selected from the group consisting of C_1-C_{16} alkylene, C_5-C_{12} cycloalkylene and C_6-C_{12} arylene radicals;

n and m are integers whose sum is 1; and
M is selected from the group consisting of hydrogen, alkali metal, alkaline earth metal, ammonium and C_1-C_{10} alkanolammonium cations and radicals; and

(ii) from 0.5 to 50% of a surfactant.

Complete Specification: 17 pages: Drawings: Nil

Ind. Cl. : 189 Gr. [LXVI(9)] 181787

Int. Cl. : A 61 K—7/42

METHOD FOR PREPARING A SUNSCREEN COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA.

Inventors :

1. KEVIN RONALD FRANKLIN
2. ELIZABETH LEE
3. CHARLES CRAIG NUNN

Patent Application No. : 387/Bom/94 filed on 11-08-94 G. B. priority dated 11-08-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

4 Claims

Method fro preparing a sunscreen composition of the kind described herein for application to human skin comprising suspending in a manner as herein described a salt formed between an organic anion which absorbs ultraviolent radiation over at least part of the range from 290 to 400 nanometres, and a metal cation, which metal cation is one or more of aluminium, zinc, titanium, tin, iron or lanthanum and which salt has a solubility of less than 2g/litre in water at 20°C, in a cosmetically acceptable vehicle.

(Compl. Specn. : 13 pages; Drgns. : Nil)

Ind. Cl. : 32 F2(a) [IX (1)] 181788

Int. Cl. : C 07 C—85/11

REDUCTION OF NITRO AROMATIC COMPOUNDS UNDER NEUTRAL CONDITIONS.

Applicants : DEEPAK NITRITE, LTD, VIPL COMPLEX, OPP GOLF COURSE, AIL ROAD, YERAWADA, PUNE-411 006, MAHARASHTRA, INDIA.

Inventors :

(1) AJAY CHIMANLAL MEHTA
(2) DR. ASHOK GURSARNLAL BAJAJ
(3) RAJIV MANOHAR KELKAR

Application No. : 389/Bom/94 filed August 12 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

04 Claims

1. A process for manufacturing of aromatic amines by reduction of nitro aromatic compounds under neutral conditions comprising the steps of stirring and heating a mixture of nitro aromatic compound, iron powder and ammonium halide in a suitable medium such as water, methanol, ethanol, at the temperature ranging from 40°C to 120°C and at atmospheric pressure for 1 to 10 hours and isolating the resulting aromatic amine such as o-chioroaniline, ophenylenediemine, o-anisidine, o-toluidine, p-chioroaniline, p-toluidine, p-phenetidine p-aminophenol, by known methods including distillation or filtration followed by concentration and crystallisation or filtration and extraction.

(Compl. Specn. : 13 pages; Drgns. : Nil)

(Prov. Specn. : 3 pages; Drgns. : Nil)

Ind. Cl. : 1A [XIII (1)] 181789

Int. Cl. : C 09 J—133/06

A PROCESS FOR THE PREPARATION OF AN AQUEOUS EMULSION PRESSURE SENSITIVE ADHESIVE.

Applicants : BHABHA ATOMIC RESEARCH CENTRE, TOMBAY, MUMBAI 400085, MAHARASHTRA, INDIA, A SCIENTIFIC INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY GOVERNMENT OF INDIA.

Inventors :

(1) CHAKRAPANY GOPINATHAN
(2) TOTTATHIL PERUMPEDA BALAN

Application No. : 390/Bom/94 filed on 12-08-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

3 Claims

A process for the preparation of an aqueous emulsion pressure sensitive adhesive consisting of polymerising at 75 to 92°C a monomer mixture containing 2-ethylhexyl acrylate and butyl acrylate and methyl methacrylate in the ratio 70 to 90:20 to 30:0 to 10 volume percent with 7.5 to 13 mg of benzoyl peroxide as initiator per ml of the monomer mixture in the presence of water in the water to monomer mixture ratio of 1:2 to 1:3 by volume and 1.5% to 3 percent w/v of an emulsifier such as sodium lauryl sulphate and 0.5 to 2 per cent w/v of a stabilizer such as polyvinyl alcohol and if desired treating the adhesive with 0.2 to 0.3 percent of plasticiser such as castor oil or glycerine and 0.005 to 0.01% w/w of an inhibitor such as hydroquinone or alpha methyl hydroquinone.

(Compl. Specn. : 14 pages; Drgns. : Nil)

Ind. Cl. : 201 D, A Gr. [II (4)] 181790

Int. Cl. : C 02 F—3/18, 9/00

A HIGH RATE HIGH PERFORMANCE ACTIVATED SLUDGE REACTOR FOR TREATING WASTE WATER WITH AND WITHOUT AERATION IN STAGES SEQUENTIALLY.

Applicants : GLOBAL ENVIRONMENTAL ENGINEERING LTD. 1233/C KG MANSION, OPP. HOTEL KOHINOOR EXECUTIVE, APTE ROAD, PUNE 411 004, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

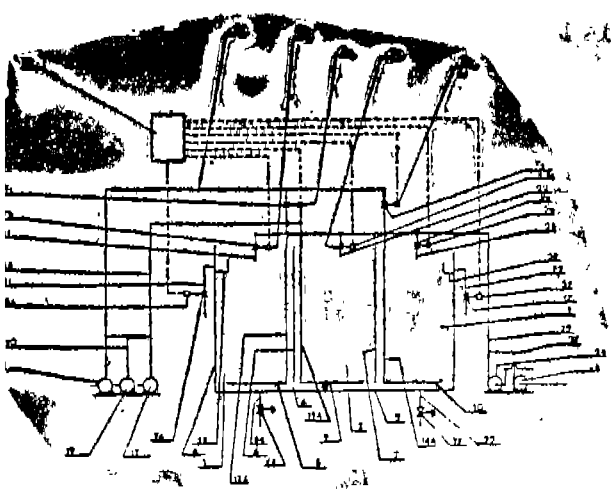
Inventor : SUNIL KUMAR BHATTACHARYA.

Patent Application No. : 403/Bom/94 filed on 19-08-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

5 Claims

A high rate high performance activated sludge reactor for treating waste water with and without aeration in stages sequentially, the reactor consisting of at least three compartments interconnected to one another and provided with air diffusers located therein and connected to blower(s), the compartments being further provided with feeder lines connected to feed pump(s), two of the compartments being provided with treated water discharge lines and bacterial sludge drain lines, and a sequence controller for sequential operation of the diffusers and feeder lines.



(Compl. Specn. : 14 pages; Drgs. : 2 sheets)

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 868/Cal/91 (177782) made by VALLOUREC INDUSTRIES and SUMITOMO METAL INDUSTRIES has been allowed to proceed in the name of VALLOUREC OIL & GAS and SUMITOMO METAL INDUSTRIES.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 175989 dated the 8th Sept., 1989 made by Bernd Hansen on the 3rd June, 1997 and notified in the Gazette of India, Part III, Section 2 dated 27-09-1997 has been allowed and the said Patent restored.

PATENT SEALED ON 21-08-98

179701 179703 179704 179705* 179709 179710* 179712 179713 179714 179715 179717 179719 179723 179726* 179727 179728 179731 179732 179733 179734 179737 179738* 179739 179740 179741* 179742 179743 179744 179745* 179746 179747 179748 179750*D 179751 179752 179753 179755 19756 179757 179758 179759* 179760.

CAL - 10, DEL - 18, MUM - NIL, CHEN - 14.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D=Drug Patents

F=Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. Nos. 174352 to 174354, Smithkline Beecham P.l.c., a British company of New Horizons Court, Brentford, Middlesex TW8 9EP, England, "BOTTLE", 28th January 1997 (Reciprocity date).

Class 3. No. 174349, Teddy Exports, a sole Indian proprietorship firm of Tenkasi Road, Alampatti Post, Tirumangalam 625706, Madurai District, Tamilnadu, India, "MUSCLE ROLLER", 22nd July 1997.

Class 3. No. 174350, Teddy Exports, a sole Indian proprietorship firm of Tenkasi Road, Alampatti Post, Tirumangalam 625706, Madurai District, Tamilnadu, India. "FOOTSIZE ROLLER", 22nd July 1997

Class 3. No. 174346, Saraswat Enterprises of 464, Neta nagar, Kydganj, Allahabad, U.P., an Indian company, "CASSETTE FOR OPTICAL FIBRE". 22nd July 1997.

Class 3. No. 174347, Saraswat Enterprises of 464, Neta nagar, Kydganj, Allahabad, U.P., an Indian company, "END CAP FOR OPTICAL FIBRE CABLE JOINT CLOSURE", 22nd July 1997.

Class 3. No. 174343, Freemans Measures Limited of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "TIRE KEY CHAIN TAPE", 22nd July 1997.

Class 3. No. 174344, Freemans Measures Limited of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "CENTIFLEX TAPE", 22nd July 1997.

Class 3. No. 174345, Freemans Measures Limited of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "OPEN REEL TAPE", 22nd July 1997.

Class 3. No. 174335, Soehnle-Waagen GmbH + Co., a German company existing under the laws of Germany, of Fornsbacher Strasse 27—35, D 71540 Murrhardt, Germany, "WEIGHING SCALE", 21st July 1997.

Class 3. No. 174324, Deepak Gupta, Indian proprietor of Deepak Engg. Works, an Indian national firm of B-11, Laxman Park, Chander nagar, Delhi-110051, India, "DOUGH MAKER", 17th July 1997.

H. D. THAKUR
Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998
PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998